## **Listing of Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A drawing management and display device for displaying digital information of a system drawing, showing an entire system having a plurality of information items, within a desired display time, said drawing management and display device comprising:

a reference unit configured to: reference a total display time required for displaying said system drawing, determine a plurality of different display time priority levels each having a different display time which is shorter than said total display time, and to store in memory said system drawing as a plurality of sub-drawings each representing the same area of said system drawing and having a different number of said plurality of information items which make up said entire system such that display of each of said sub-drawings can be accomplished within a different said different display time, said sub-drawings being stored with respective priorities each of which represents an ability to display the sub-drawing within a different said different display time;

a selective display designating unit configured to automatically select one of said sub-drawings stored in the memory on a basis of the priority thereof in order to accomplish display within said desired display time; and

a display unit configured to display selected said sub-drawings within said desired display time in response to said selecting operation of said selective display designating unit.

- 2. (Original) A drawing management and display device according to claim 1, wherein at least one of said sub-drawings includes all of the information items which make up said same area of said system drawing.
- 3. (Original) A drawing management and display device according to claim 1, wherein all of said sub-drawings show said information items with the same magnification.
- 4. (Original) A drawing management and display device according to claim 1, wherein each of the sub-drawings shows information items of a different type from the information items shown on all sub-drawings of a lower priority.
- 5. (Original) A drawing management and display device according to claim 4, wherein the ability to display a sub-drawing within a desired display time is determined by the number and type of information items included in the sub-drawing.
- 6. (Previously Presented) A drawing management and display device according to claim 1, wherein said entire system is a gas supply pipe-laying system, a water supply pipe-laying system, or a gas and water supply pipe-laying system.
- 7. (Previously Presented) A drawing management and display device according to claim 1, wherein said entire system is an electric power wiring system, a telephone wiring system, or an electric power and telephone wiring system.

- 8. (Original) A drawing management and display device according to claim 1, wherein said entire system is a machine designating system.
- 9. (Original) A drawing management and display device according to claim 1, wherein said entire system is a road traffic information map.
- 10. (Original) A drawing management and display device according to claim 1, wherein said plurality of sub-drawings which represent the same area of said system drawing include at least three sub-drawings.

## 11. (Cancelled)

- 12. (Previously Presented) A drawing management and display device according to claim 1, wherein said selective display designating unit is configured to: store a table of values including indicators of respective areas of said system drawing and a priority designated for each respective area, and select a sub-drawing of that area designated by the priority in said table of values, responsive to an indicator of an area of said system drawing.
- 13. (Previously Presented) A drawing management and display device according to claim 12, further including an input unit configured to allow editing said table of values to change the priority designated for a respective area of said system drawing.

14. (Previously Presented) A drawing management and display device for managing divided facility drawings having the same magnification of an entire facility as digital information, said drawing management and display device comprising:

a reference unit configured to: reference a total display time for displaying said system drawing, determine a plurality of different display time priority levels each having a different display time which is shorter than said total display time, and store into memory divided facility drawings with respective priorities each of which represents an ability to display a desired facility drawing within a different said different display time when combining at least selected ones of features of said divided facility drawings;

a drawing inputting unit configured to allow editing of said divided facility drawings stored in said first means;

a data inputting unit configured to allow inputting attribute information to be stored in the first means;

a temporary store unit configured to: temporarily store said divided facility drawings stored in said reference unit and temporarily store said divided facility drawings given from said drawing inputting unit; and

a display unit configured to display both said divided facility drawings stored in said temporary store unit, and said attribute information.

15. (Previously Presented) An image data display method comprising a step of:

displaying on a display screen, a respective predetermined three-dimensional shape to represent each image of a drawing to be displayed such that a data amount of said image is represented by a length in a predetermined one-dimensional direction of said three-dimensional shape, wherein images belonging to a same predetermined group are each displayed on the display screen in the form of the predetermined three-dimensional shape and in a form of an icon in such a manner that an accumulated data amount of said images belonging to the same predetermined group is represented by an accumulated length in the predetermined one-dimensional direction.

- 16. (Previously Presented) An image data display method according to claim
  15, wherein the three-dimensional shape is a rectangular parallelepiped or a cube.
- 17. (Previously Presented) An image data display method according to claim
  15, wherein the predetermined one-dimensional direction of said predetermined
  three-dimensional shape is a direction at least partially in a depth of the display.
- 18. (Previously Presented) An image data display method according to claim
  15, wherein the icon is more particularly an icon for retrieving the images belong to
  the same predetermined group.
  - 19. (Cancelled)

- 20. (Previously Presented) An image display method comprising the step of:
  displaying on a display screen, a respective predetermined three-dimensional
  shape and icon to represent images belonging to different predetermined groups of a
  drawing to be displayed, such that an accumulated data amount of said images
  belonging to a same predetermined group is represented by an accumulated length
  in a predetermined one-dimensional direction of said three-dimensional shape
  associated with said same predetermined group, and such that the respective
  predetermined three-dimensional shapes and icons for said different predetermined
  groups are displayed separately on said display screen.
- 21. (Previously Presented) An image data display method according to claim 20, wherein the respective predetermined three-dimensional shapes and icons for said different predetermined groups are more specifically displayed separately in a second one-dimensional direction which is different from said predetermined one-dimensional direction.
- 22. (Previously Presented) An image data display apparatus comprising:

  an image data amount calculation unit which obtains an accumulated data

  amount for images belonging to a same predetermined group; and

an icon three-dimensional display processing unit which displays on a display screen, a respective predetermined three-dimensional shape to represent each image of a drawing to be displayed such that a data amount of said image is represented by a length in a predetermined one-dimensional direction of said three-dimensional shape, wherein images belonging to the same predetermined group are

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each displayed on the display screen in the form of the predetermined three-dimensional shape and in a form of an icon in such a manner that an accumulated data amount of said images belonging to the same predetermined group is represented by an accumulated length in the predetermined one-dimensional direction.

- 23. (Previously Presented) An image data display apparatus according to claim 22, wherein said icon three-dimensional display processing unit displays the icon in a shape of a rectangular parallelepiped or a cube.
- 24. (Previously Presented) An image data display apparatus according to claim 22, wherein the predetermined one-dimensional direction of said predetermined three-dimensional shape is a direction at least partially in a depth of the display.
- 25. (Previously Presented) An image data display apparatus according to claim 22, wherein the icon is more particularly an icon for retrieving the images belong to the same predetermined group.
- 26. (Previously Presented) A drawing management and display device for displaying digital information of a system drawing, showing an entire system having a plurality of information items, within a desired display time, said drawing management and display device comprising:

a reference unit configured to: reference a total display time required for displaying said system drawing, determine a plurality of different display time priority levels each having a different display time which is shorter than said total display time, and store into memory said system drawing as a plurality of sub-drawings each representing the same area of said system drawing and having a different number of said plurality of information items which make up said entire system such that display of each of said sub-drawings is accomplished within a different said different display time, said sub-drawings being stored with respective priorities each of which represents an ability to display the sub-drawing within a different said different display;

a selective display designating unit configured to automatically select one of said sub-drawings stored in the memory on a basis of the priority thereof in order to accomplish display within said desired display time; and

a display unit configured to display selected said sub-drawings within said

desired display time in response to said selecting operation of said selective display

designation unit;

wherein said display unit is further configured to display a three-dimensional retrieval icon for respective sub-drawings, the amount of data in a respective sub-drawing being indicated by a dimension of each respective displayed retrieval icon.